

Manual of Technology

July 28, 1972

US EPA RECORDS CENTER REGION 5



508903

Mr. Dennis T. Karas, Director
Department of Air Quality Control
City Hall
East Chicago, Indiana 46312

Dear Mr. Karas:

We request an open burning permit to dispose of a quantity of liquid organic waste at our East Chicago Plant. This waste is a by-product of an operation that is no longer located in East Chicago. We have stored this waste for about two years while trying to find another suitable method of disposal which would not create a more serious pollution problem. We have been unsuccessful in finding such a method and therefore have concluded that open burning is the only acceptable solution.

About 1000 drums, 55 gallon capacity, containing methyl ethyl ketone and an organic sludge will be disposed of. The burning will take place in small lots at our dump site on the east end of the plant. A hole will be dug and about 10 drums placed into the hole and the contents ignited. After burning, the drums will be inspected for completeness of combustion and the drums removed to scrap. The location of the burning site is such that it is not a hazard to buildings or equipment. The products of combustion are carbon dioxide and water vapor. Burning will be scheduled only when the wind direction is favorable so that no highway or residential area is affected. We have tested this method and have found that the material burns with a clean flame with little or no dark smoke or particulate, and no odor.

We request this permit for a period of one year but hope to complete disposal in two months.

J. T. Sixsmith
Environmental Control
Coordinator

E. I. du Pont de Nemours & Co.
5215 Kennedy Avenue
East Chicago, Indiana 46312
398-2040

JTS:crc